

WeCare Denali

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CT Coalition for Sustainable Management

Food Scraps and Organics Collections Working Group

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**WeCare
Denali**

Denali
WATER SOLUTIONS

 **HARVEST**TM
New England

2012 - 2019

 **GreenCycle**[®]

1994 - 2012



WeCare Denali Compost Facilities



- 💧 We produce, market and sell over 315,000 tons of finished compost, engineered soils, and mulch.

Conversion of Organic Wastes to Clean, Marketable Products



Brush Grinding / Mulch Productions



Leaf Composting



Mandated
Recyclable since
1991





Changes in collection methods were necessary





Leaf collection in Connecticut is now either in bulk or biodegradable paper bags





Food Waste Composting

Early Loads





Acceptable Material for Windrow Composting



Waxed Cardboard

Compostable Plastic Bags (Green)

Not Compostable



Compostable



Plastic



Styrofoam



Not Acceptable



Plastic from
food waste
creates litter
issues through
out the site



SSO Depackaging Facility



Staten Island Residential SSO



Tiger (Depackager) Installed





Tiger (Depackager)



8 CY Stainless Steel Hopper and Augers



Vertical Mill with Screens



Tiger – Removal of Contaminants



Compostable Slurry



Outdoor Windrow Composting



Compostable Packaging and other Products



Compost Manufacturing Alliance

Composter Approved

- Tested at commercial compost facilities
- Tested using different composting technologies
- Needs to be differentiated from non-compostable
- Challenges with generator compliance still remain

Contamination Strategies



Mechanical Depackaging



- Capital cost
- Operating cost
- Require large scale operation
- Removes all non-food material
- Facilitates collection
- Increased participation
- Reduces monitoring costs
- Effectively removes contaminants

Compostable Bags & Products



- Hides other non-compostable products which may be added by consumers
- Difficult to Monitor
- Creates site housekeeping issues
- Facilitates Collection
- Increases Participation
- Scalable

Only Food Waste



- Creates collection challenges
- Reduces participation
- Needs to be monitored
- Reduces contamination

Topdressing with Finished Compost

